

### **AMENDMENTS TO THE SPECIFICATION**

*Please amend the paragraph on page 3, lines 4-7 of the specification as follows:*

The acidic metal salt solution is separated from the precipitated silica, and can be further purified for production of pure magnesium chlorine brine, which can be used for production of magnesium metal, magnesium oxide and other magnesium chemicals. This which will be further described in a parallel application. ~~[GG1]~~

*Please amend the paragraph on page 3, lines 15-34 of the specification as follows:  
(This paragraph was previously amended on November 30, 2010.)*

The invention is characterized by the following steps: ~~[GG2]~~

- providing olivine particles with a particle size preferably below 1 mm in diameter,
- preferably adding of water to form a water slurry,
- mixing with hydrochloric acid (HCl), preferably at a concentration above 18 wt% and at a temperature preferably between 50 – 130 °C, for a period of time, preferably between 20 – 360 minutes,
- removal of coarse mineral impurities,
- separation of precipitated silica from mother solution,
- mechanical treatment of the silica to obtain a slurry,
- preparation of a low viscosity slurry by further adding to the silica sodium aluminate or another suitable aluminate and optionally some acid and water, preferably so that the concentration of Al in the silica is 100 – 6000 p.p.m.,
- ageing the silica at a temperature between 50 – 100 °C according to product requirements,
- dispersion of silica slurry,
- removal of fine mineral impurities, and
- drying of the silica.